

Title (en)
Roller brake mounting adapter

Title (de)
Montageadapter für Rollenbremse

Title (fr)
Adaptateur de montage pour frein à rouleaux

Publication
EP 1733957 B1 20110824 (EN)

Application
EP 06012176 A 20060613

Priority
• JP 2005177231 A 20050617
• CN 200510077182 A 20050617

Abstract (en)
[origin: EP1733957A2] The roller brake mounting adapter (30) is configured to be mounted to a bicycle wheel driving device (20) (e.g., hub) equipped with an internal motor (26). The roller brake mounting adapter (30) has a flange part (32) and a cylindrical part (34). The flange part (32) is configured to be mounted to a side end section of a hub shell (24) of the hub (20). The cylindrical part (34) has a first contact surface (34a) and a second contact surface (34c). The first contact surface (34a) is provided on an internal circumferential surface of the cylindrical part (34), and configured to contact a bearing (38) serving to rotatably support the hub shell (24) on a shaft of the hub (20). The second contact surface (34c) is provided on an external circumferential surface of the cylindrical part (34), and has protrusions (34b) that are spaced apart in a circumferential direction. The second contact surface (34c) is configured to contact a brake drum (40) of the roller brake device (28).

IPC 8 full level
B62L 1/00 (2006.01); **B62M 23/02** (2010.01); **F16D 51/12** (2006.01)

CPC (source: EP)
B62L 1/005 (2013.01); **F16D 51/10** (2013.01); **F16D 2121/14** (2013.01); **F16D 2125/28** (2013.01)

Cited by
EP1980482A1; CN108341013A; US11628685B2

Designated contracting state (EPC)
DE NL

DOCDB simple family (publication)
EP 1733957 A2 20061220; EP 1733957 A3 20071212; EP 1733957 B1 20110824; TW 200706443 A 20070216

DOCDB simple family (application)
EP 06012176 A 20060613; TW 95116418 A 20060509